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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2007; month=12; day=13; hr=10; min=18; sec=48; ms=335;]

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Reviewer Comments:

<210> 21

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_DNA

<222> (20)..(21)

<223> n stands for deoxy thymidine

<400> 21

ggaccaggaa auuccgauun n

21

If <213> response is Artificial, please give the source of genetic material in numeric identifier <223>, this type of error is shown in seq id 22.

Application No: 10542408 Version No: 1.0

Input Set:**Output Set:**

Started: 2007-11-21 18:01:39.451
Finished: 2007-11-21 18:01:41.039
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 588 ms
Total Warnings: 16
Total Errors: 4
No. of SeqIDs Defined: 22
Actual SeqID Count: 22

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
E 257	Invalid sequence data feature in <221> in SEQ ID (21)
E 224	<220>, <223> section required as <213> has Artificial sequence or Unknown in SEQID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
E 257	Invalid sequence data feature in <221> in SEQ ID (22)

Input Set:

Output Set:

Started: 2007-11-21 18:01:39.451
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Total Warnings: 16
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Actual SeqID Count: 22

Error code	Error Description
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (22)

SEQUENCE LISTING

<110> Takeda Pharmaceutical Company Limited

<120> Novel Screening Method

<130> G05-0036

<140> 10542408

<141> 2007-11-21

<150> JP 2003-010001

<151> 2003-01-17

<150> JP 2003-104540

<151> 2003-04-08

<150> JP 2003-194497

<151> 2003-07-09

<150> JP 2003-329080

<151> 2003-09-19

<150> PCT/JP2004/000248

<151> 2004-01-15

<160> 22

<210> 1

<211> 361

<212> PRT

<213> Homo sapiens

<400> 1

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Met Ser Pro Glu Cys Ala Arg Ala Ala Gly Asp Ala Pro Leu Arg Ser
      5              10              15
Leu Glu Gln Ala Asn Arg Thr Arg Phe Pro Phe Phe Ser Asp Val Lys
      20              25              30
Gly Asp His Arg Leu Val Leu Ala Ala Val Glu Thr Thr Val Leu Val
      35              40              45
Leu Ile Phe Ala Val Ser Leu Leu Gly Asn Val Cys Ala Leu Val Leu
      50              55              60
Val Ala Arg Arg Arg Arg Arg Gly Ala Thr Ala Cys Leu Val Leu Asn
      65              70              75              80
Leu Phe Cys Ala Asp Leu Leu Phe Ile Ser Ala Ile Pro Leu Val Leu
      85              90              95
Ala Val Arg Trp Thr Glu Ala Trp Leu Leu Gly Pro Val Ala Cys His
      100             105             110
Leu Leu Phe Tyr Val Met Thr Leu Ser Gly Ser Val Thr Ile Leu Thr
      115             120             125
Leu Ala Ala Val Ser Leu Glu Arg Met Val Cys Ile Val His Leu Gln
      130             135             140
Arg Gly Val Arg Gly Pro Gly Arg Arg Ala Arg Ala Val Leu Leu Ala
      145             150             155             160
Leu Ile Trp Gly Tyr Ser Ala Val Ala Ala Leu Pro Leu Cys Val Phe
      165             170             175
Phe Arg Val Val Pro Gln Arg Leu Pro Gly Ala Asp Gln Glu Ile Ser

```

	180		185		190
Ile Cys Thr	Leu Ile Trp Pro Thr	Ile Pro Gly Glu Ile Ser Trp Asp			
195	200	205			
Val Ser Phe	Val Thr Leu Asn Phe Leu Val Pro Gly Leu Val Ile Val				
210	215	220			
Ile Ser Tyr Ser Lys Ile Leu Gln Ile Thr Lys Ala Ser Arg Lys Arg					
225	230	235	240		
Leu Thr Val Ser Leu Ala Tyr Ser Glu Ser His Gln Ile Arg Val Ser					
245	250	255			
Gln Gln Asp Phe Arg Leu Phe Arg Thr Leu Phe Leu Leu Met Val Ser					
260	265	270			
Phe Phe Ile Met Trp Ser Pro Ile Ile Ile Thr Ile Leu Leu Ile Leu					
275	280	285			
Ile Gln Asn Phe Lys Gln Asp Leu Val Ile Trp Pro Ser Leu Phe Phe					
290	295	300			
Trp Val Val Ala Phe Thr Phe Ala Asn Ser Ala Leu Asn Pro Ile Leu					
305	310	315	320		
Tyr Asn Met Thr Leu Cys Arg Asn Glu Trp Lys Lys Ile Phe Cys Cys					
325	330	335			
Phe Trp Phe Pro Glu Lys Gly Ala Ile Leu Thr Asp Thr Ser Val Lys					
340	345	350			
Arg Asn Asp Leu Ser Ile Ile Ser Gly					
355	360				

<210> 2
 <211> 1083
 <212> DNA
 <213> Homo sapiens

<400> 2

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gtgcacctgc	agcgcggcgt	gcggggctct	ggcgggcg	cgcgggcagt	gctgctggcg	480
ctcatctggg	gctattcggc	ggtcgccgct	ctgcctctct	gcgtcttctt	ccgagtcgtc	540
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attctctggag	agatctcgtg	ggatgtctct	tttggtactt	tgaacttctt	ggtgccagga	660
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atcatcacca	tctcctcat	cctgatccag	aacttcaagc	aagacctggg	catctggccg	900
tccctcttct	tctgggtggg	ggccttcaca	tttgctaatt	cagccctaaa	ccccatcctc	960
tacaacatga	cactgtgcag	gaatgagtg	aagaaaattt	tttgctgctt	ctggttccca	1020
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ggc						1083

<210> 3
 <211> 361
 <212> PRT
 <213> Mus musculus

<400> 3

Met Ser Pro Glu Cys Ala Gln Thr Thr Gly Pro Gly Pro Ser His Thr

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agcggcagcg tcacgaccc cactactggc gcggtcagcc tggagcgcac ggtgtgcatc 420
gtgcgcctcc ggcgcggtct gagcgcccg gggcggcgga ctcaggcggc actgctggct 480
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ccgcagcgcc ttcccgcgcg ggaccaggaa attccgattt gcacattgga ttggcccaac 600
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cgactcttcc gcacgctctt cctgctcatg gtttccttct tcatcatgtg gagtcccatc 840
atcatcacca tcctcctcat cttgatccaa aacttcgggc aggacctggg catctggcca 900
tcccttttct tctgggtggg ggccttcacg tttgccaaact ctgccctaaa cccatactg 960
tacaacatgt cgctgttcag gaacgaatgg aggaagattt tttgctgctt cttttttcca 1020
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agc 1083

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<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> primer

```

```

<400> 5
gctgtggcat gcttttaaac 20

```

```

<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> primer

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```

<400> 6
cgctgtggat gtctatttgc 20

```

```

<210> 7
<211> 30
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> primer

```

```

<400> 7
agttcatttc cagtaccctc catcagtggc 30

```

```

<210> 8
<211> 361
<212> PRT
<213> Rattus norvegicus

```

```

<400> 8
Met Ser Pro Glu Cys Ala Gln Thr Thr Gly Pro Gly Pro Ser Arg Thr
      5              10              15
Pro Asp Gln Val Asn Arg Thr His Phe Pro Phe Phe Ser Asp Val Lys

```


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ttcatatggg	gttactcggc	gctcgcccg	ctgcccctct	gcattctgtt	ccgcgtggtc	540
ccgcagcgcc	ttcccgcg	ggaccaggaa	attccgattt	gcacattgga	ttggcccaac	600
cgcataggag	aaatctcatg	ggatgtgttt	tttgtgactt	tgaacttcct	ggtaccagga	660
ctggtcattg	tgatcagcta	ctccaagatt	ttacagatca	cgaaagcctc	gcggaagagg	720
cttacgctga	gcttggcata	ctccgagagc	caccagatcc	gagtgtccca	gcaggactac	780
cggctcttcc	gaacgctctt	cctgctcatg	gtttccttct	tcatcatgtg	gagtcccatc	840
atcatcacca	tcctcctcat	cttgatccag	aacttcgggc	aggacctgg	tatctggccg	900
tcccttttct	tctgggtggt	ggccttcacg	tttgccaaact	ccgcctaaa	ccccattctg	960
tacaacatgt	cgtgttccag	gagcgagtgg	aggaagattt	tttgctgctt	ctttttccca	1020
gagaagggag	ccattttttac	agaaacgtct	atcaggcgaa	atgacttgtc	tgttatttcc	1080
acc						1083

<210> 10
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 10	
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<210> 11
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 11	
cgctcctgaa	cagcgacat 19

<210> 12
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> probe

<400> 12	
caactccgcc	ctaaacccca ttctgt 26

<210> 13
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 13	
gtcgacatgt	cccctgagtg tgcgcagacg acg 33

<210> 14
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 14
gctagcttag gtggaaataa cagacaagtc att 33

<210> 15
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 15
tccgagtgtc ccaacaagac tac 23

<210> 16
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 16
gactccacat gatgaagaag gaaa 24

<210> 17
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> probe

<400> 17
ccgcacgctc ttctgtctca tg 22

<210> 18
<211> 19
<212> DNA
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<220>
<223> primer

<400> 18
gtggtggcct tcacgtttg 19

<210> 19
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<212> DNA
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 <223> primer

 <400> 19
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 <210> 20
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> probe

 <400> 20
 caactccgcc ctaaacccca ttctgt 26

 <210> 21
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_DNA
 <222> (20)..(21)
 <223> n stands for deoxy thymidine

 <400> 21
 ggaccaggaa auuccgauun n 21

 <210> 22
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <221> misc_DNA
 <222> (1)..(2)
 <223> n stands for deoxy thymidine

 <400> 22
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